



Docket: 04022

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tsutomu IKEDA et al.

Art Unit: 2862

Serial No.: 10/781,813

Examiner: Kenneth WHITTINGTON

Filed: February 20, 2004

Last action: August 29, 2006

For: ROTATIONAL ANGLE DETECTION DEVICES

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with Applicants' duty of disclosure under 37 C.F.R. §§ 1.56, 1.97, and 1.98 Applicants hereby disclose several references, listed on the enclosed Form PTO-1449, in the above-identified application. The order of presentation of the references should not be construed as an indication of the importance of the references. Each of these references was cited by the Examiner in the co-pending U.S. Patent Application Serial No. 10/839,798, filed May 6, 2004.

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information being submitted is, or is considered to be, material to



patentability as defined in 37 C.F.R. 1.56(b), or the information cited in the Statement is, or considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Because these references are being submitted with an RCE, it is not believed that any fee or certification under 37 C.F.R. 1.97 is required. If this is incorrect, the Commissioner is hereby authorized to charge any necessary underpayment of fees and credit any overpayments of fees to Deposit Account No. 04-0753.

Consideration of these references is respectfully requested.

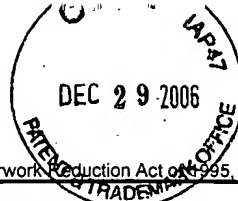
Respectfully submitted,

DENNISON, SCHULTZ & MACDONALD

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/781,813
Filing Date	February 20, 2004
First Named Inventor	Tsutomu IKEDA et al.
Art Unit	2862
Examiner Name	Kenneth WHITTINGTON
Attorney Docket Number	04022

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,640,089	06-17-1997	Horikawa	
		US- 5,698,778	12-16-1997	Ban	
		US- 6,956,368	10-18-2005	Johnson	
		US- 6,756,780	06-29-2004	Hagio	
		US- 6,522,038	02-18-2003	Byram	
		US- 6,407,543	06-18-2002	Hagio	
		US- 5,544,000	08-06-1996	Suzuki	
		US- 5,490,487	02-13-1996	Kato	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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